

INCH-POUND

MIL-DTL-5423/13B  
24 May 2002

SUPERSEDING  
MIL-B-5423/13A  
3 February 1972

## DETAIL SPECIFICATION SHEET

### BOOT, DUST AND WATER SEAL, TYPE D (FOR LEVER OPERATED CIRCUIT BREAKERS), STYLE 1 (PANEL MOUNTED WITHOUT MOUNTING FRAME)

This specification forms a part of MIL-DTL-5423, dated 5 April 2002, and is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification and MIL-DTL-5423.

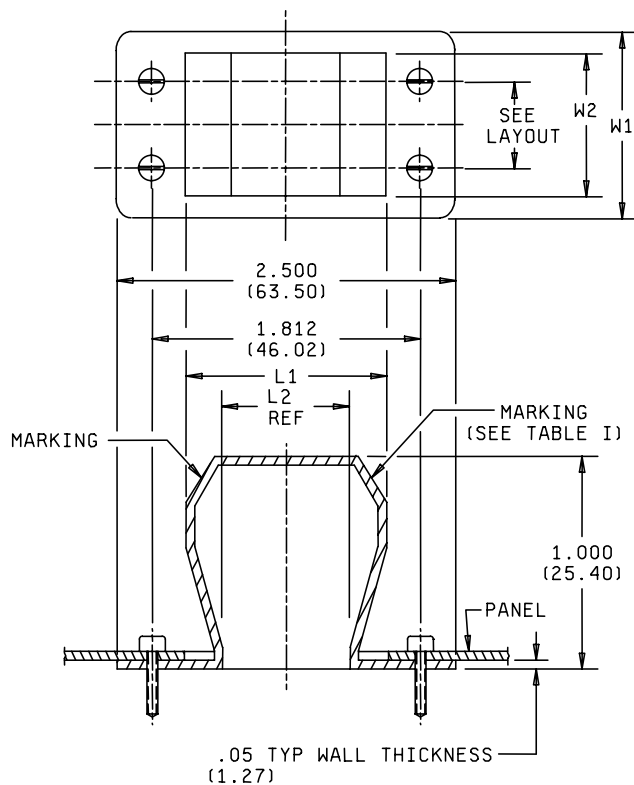
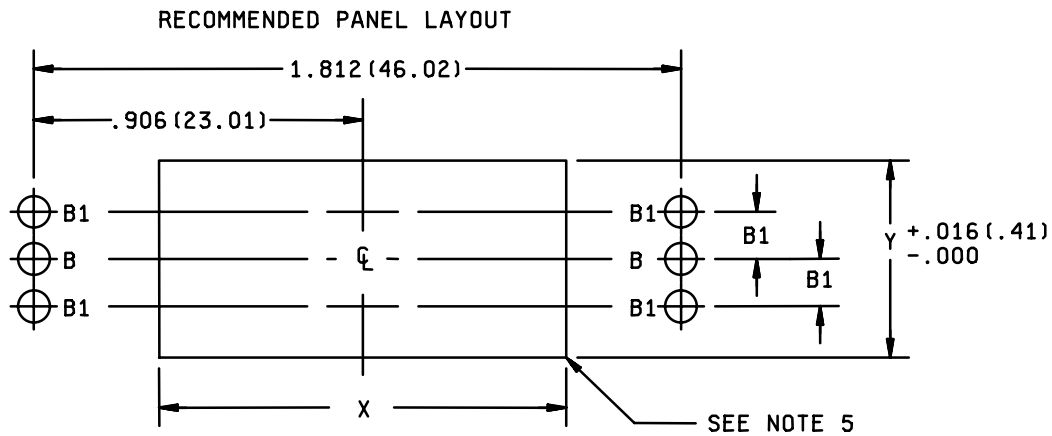
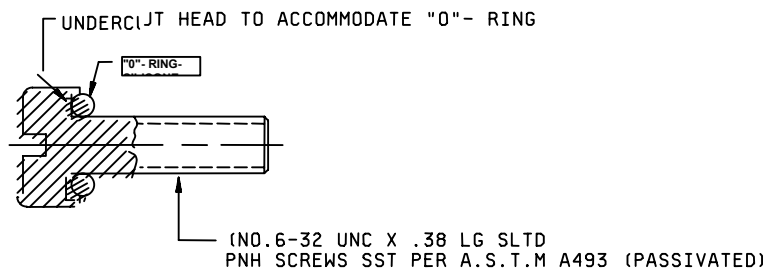


FIGURE 1. Dimensions and configuration boots type D, style 1.



(For number of screws and location see table II.)



Inches	mm
0.016	.41
0.5	1.27
0.906	23.01
1.000	25.40
1.812	46.02
2.500	63.50

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are  $\pm 0.02$  (.51mm) for two place decimals and  $\pm 0.031$  (.79 mm) for three place decimals.
4. The number of mounting screws shall be supplied as indicated.
5. Edges shall be smooth and free from burrs.

FIGURE 1. Dimensions and configuration boots type D, style 1 - Continued.

## REQUIREMENTS

Dimensions and configuration: See figure 1.

Silicon rubber: Grade 50, class III, transparent.

Splashproof: In accordance with MIL-STD-108, table I.

Endurance (with MS25304): 10,000 operations. Minute cracks after life test, which do not permit leakage, shall not be cause for rejection.

Part or Identifying Number (PIN): See tables I and II.

Table I. Dimensions.

PIN M5423/13-	Dimensions $\pm .031$ (.79)			
	L1	W1	W2	L2
01	1.250 (31.75)	.750 (19.05)	.531 (13.49)	.60 (15.24)
02	1.312 (33.32)	1.500 (38.10)	1.250 (31.75)	.60 (15.24)
03	1.281 (32.54)	2.250 (57.15)	2.000 (50.80)	.60 (15.24)

Table II. Mounting holes, markings, and panel cutout.

PIN M5423/13-	Mounting holes		Markings	Panel cutout		
	Number of screws	Location		X	Y	
		B				B1
01	2	Yes	None	1.250 (31.75)	.531 (13.49)	
02	4	None	.375 (9.53)	On-off	1.312 (33.32)	1.250 (31.75)
03	6	Yes	.750 (19.05)	None	1.281 (32.54)	2.000 (50.80)

## Custodians:

Army - CR

Navy - AS

Air Force - 11

DLA - CC

## Preparing activity:

DLA - CC

(Project 5930-1735-10)

## Review activities:

Army - AT, AV, CR4, MI

Navy - CG, EC, MC

Air Force - 99